

IN MOLD ADDITION POLYMERIZATION OF NORBORNENE-TYPE MONOMERS USING GROUP 10 METAL COMPLEXES

Patent number: JP2002531648T

Publication date: 2002-09-24

Inventor:

Applicant:

Classification:

- international: C08F32/00; C08F232/00; C08F232/08; C08F32/00;
C08F232/00; (IPC1-7): C08F4/70; B29C45/00;
C08F232/00; B29K45/00

- european: C08F32/00; C08F232/00; C08F232/08

Application number: JP20000586785T 19991208

Priority number(s): US19980111585P 19981209; WO1999US29156
19991208

Also published as:

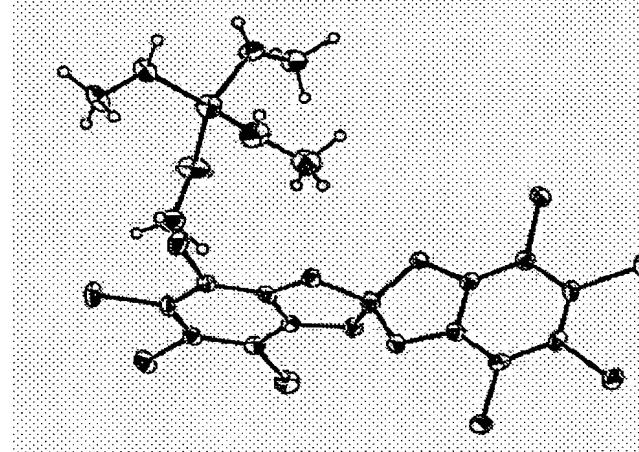
WO0034344 (A)
EP1155057 (A1)
CN1554680 (A)
EP1155057 (B1)
CN1208360C (C)

[Report a data error](#) [help](#)

Abstract not available for JP2002531648T

Abstract of corresponding document: **WO0034344**

A catalyst system and a process for the bulk addition polymerization of polycyclic olefins, such as norbornene, methylnorbornene, ethylnorbornene, butylnorbornene or hexylnorbornene, 1,2,3,4,4a,5,8,8a-octahydro-1,4:5,8-dimethanonaphthalene, 5,5'-(1,2-ethanediyl)bisbicyclo[2.2.1]hept-2-ene, and 1,4,4a,4b,5,8,8a,8b-octahydro-1,4:5,8-dimethanobiphenylene are disclosed. The catalyst includes an organonickel or organopalladium transition metal procatalyst and an activator compound. Polymerization can be carried out in a reaction injection molding process to yield thermoplastic and thermoset molded polymeric articles possessing high glass transition temperatures.



Data supplied from the **esp@cenet** database - Worldwide